

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S78	9928	(diaphragm or transducer) and spray with (nozzle or gun)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:03
S79	1053	(diaphragm or transducer) and (speaker or acoustic) and spray with (nozzle or gun)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:04
S80	1053	(diaphragm or transducer) and (speaker or acoustic) and spray with (nozzles or guns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:04
S82	50	(diaphragm or transducer) and (speaker or acoustic) and spray with (nozzles or guns) with (rotate or spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:04
S83	7	(diaphragm) and (speaker or acoustic) and spray with (nozzles or guns) with (rotate or spin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:05
S84	328	(diaphragm) and (speaker or acoustic) and spray with (nozzles or guns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:06
S85	744	(diaphragm or speaker or loudspeaker).ab. and spray with (nozzles or guns)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:08
S86	37	(diaphragm or speaker or loudspeaker).ab. and spray with (nozzles or guns) with (rotat\$3 or spin\$4) and @AY<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:08
S87	52	(speaker or loudspeaker).ab. and spray with (nozzles or guns) and @AY<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:10
S88	0	(acoustic and diaphragm).ab. and spray with (nozzles or guns) and @AY<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2012/03/28 15:25

S89	2	(acoustic and diaphragm).ab. and spray with (nozzles or guns) and @AY<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/28 15:26
S90	2	("2716462").PN.	USPAT; USOCR	OR	OFF	2012/03/28 15:30
S91	1	("4,628,528").PN.	USPAT; USOCR	OR	OFF	2012/03/29 16:02
S92	789	181/165,161,173,174.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:04
S93	789	181/165,161,173,174.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:04
S94	727	181/165,161,173,174.ccls. and @PY<"2006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:04
S95	2	181/165,161,173,174.ccls. and @PY<"2006" and spray\$3 with (polymer\$2 or plastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:05
S96	13	181/165,161,173,174.ccls. and @PY<"2006" and spray\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:06
S97	6	181/165,161,173,174.ccls. and @PY<"2006" and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:07
S98	1287	"181".clas. and @PY<"2006" and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:08
S99	151	"181".clas. and @PY<"2006" and nozzle and spray\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:08
S100	91	"181".clas. and @PY<"2006" and (gun or nozzle) and spray\$3 and (polymer or plastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:08
S101	20	181/144-174.ccls. and @PY<"2006" and (gun or nozzle) and spray\$3 and (polymer or plastic or resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:09

S102	405	brennan-joseph-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:16
S103	24	brennan-joseph-\$.in. and diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2012/03/29 16:16

**EAST Search History (I nterference)**

< This search history is empty >

**4/ 3/ 2012 3:45:12 PM**  
**C:\ Users\ jhorning\ Documents\ EAST\ Workspaces\ 10589923.wsp**